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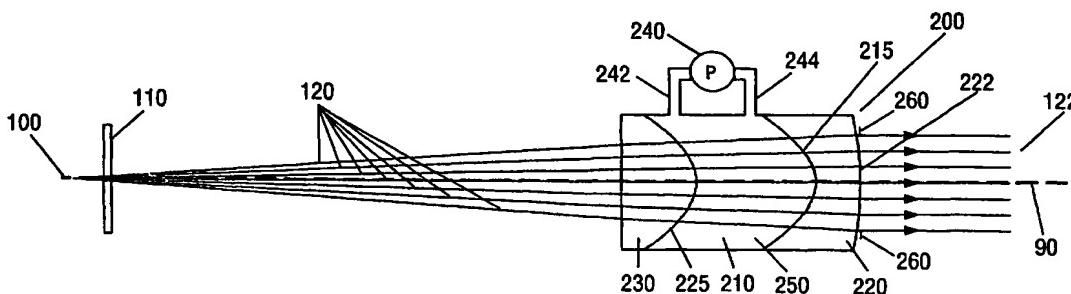
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(54) Title: **VARIABLE BEAM SHAPING ELEMENT**



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(57) Abstract: A beam-shaping element comprises a cavity, a first fluid and a second fluid having different indices of refraction. An optical axis extends through the cavity. The cavity has at least one curved surface extending transverse the optical axis. At least one pump is arranged to pump the fluids between a first configuration in which the first fluid occupies the cavity, and a second configuration in which the second fluid occupies the cavity.